BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Emergency Work (Culverts, Footpath and others) Improvements to Drains at Main and Cross Roads of Kodigehalli and Surroundin areas in Ward No. 08, Kodigehalli Sub Division.

Name of Agency: Sri Naveen Kumar. N, # 04, 4th Cross, Jalageramma Temple Road, Lottegollahalli, Bangalore - 94.

Estimated Cost: 10,00,000.00

Tender Amount : Rs. 9,00,988.08 Lakhs

Work Order No. EE/BTP/BBMP/E-PMT-03(20149)/WO/82/2015-17 Dated: 27.07.2016.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2016-17+/- T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly	Cum	83.64	83.16	6955.50	83.64	70.00	5854.80	392.66	104.55	70.00	7319.00	288.11	74.58	21489.00	28808.00		22953.20	
2	Removing B.S Slab of Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm	495.00	63.72	31541.40	495.00	60.00	29700.00	439.74	439.74	60.00	26384.00	0.00	0.00	0.00	26384.00	3316.00		
3	Refixing stone slabs of drains and pointing in C.M (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm	396.00	78.84	31220.64	396.00	70.00	27720.00	439.74	439.74	70.00	30782.00	0.00	0.00	0.00	30782.00		3062.00	
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 10.0 cms thick	Sqm	99.00	794.88	78693.12	99.00	750.00	74250.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	74250.00		
5	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed,	Cum	2.16	5070.60	10952.50	2.16	4900.00	10584.00	19.98	2.70	4900.00	13230.00	17.28	4547.71	78605.00	91835.00		81251.00	
6	KSRB 5.4-3: Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than	Cum	6.48	5159.16	33431.36	6.48	5000.00	32400.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	32400.00		
7	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour,	Sqm	28.80	97.20	2799.36	28.80	80.00	2304.00	357.48	36.00	80.00	2880.00	321.48	89.11	28648.00	31528.00		29224.00	

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2016-17+/- T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
8	Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine	Cum	1.44	5490.72	7906.64	1.44	5000.00	7200.00	3.11	1.80	5000.00	9000.00	1.31	5270.30	6878.00	15878.00		8678.00	
9	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @	Cum	3.13	6198.12	19400.12	3.13	6000.00	18780.00	5.48	3.91	6000.00	23475.00	1.56	4547.71	7106.00	30581.00		11801.00	
10	Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding	Tonne	2.82	6488.64	18297.96	2.82	6200.00	17484.00	0.00	0.00	6200.00	0.00	0.00	0.00	0.00	0.00	17484.00		
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters,	Sqm	9.26	306.72	2840.23	9.26	280.00	2592.80	0.00	0.00	280.00	0.00	0.00	0.00	0.00	0.00	2592.80		
12	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid	Sqm	120.00	1018.44	122212.80	120.00	900.00	108000.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	108000.00		
13	Providing and laying in position reinforced cenment concrete M20 mix with stone aggregates 20mm and down size for slab (including steel reinforcement) including centreing and shuttering, maching mixed concrete laid	Sqm	270.00	1600.00	432000.00	270.00	1500.00	405000.00	261.00	261.00	1500.00	391500.00	0.00	0.00	0.00	391500.00	13500.00		
14	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising	Sqm	385.00	473.04	182120.40	385.00	400.00	154000.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	154000.00		
15	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum	71.09	78.97	5613.98	71.09	72.00	5118.48	392.66	88.86	72.00	6398.00	303.80	70.83	21517.00	27915.00		22796.52	
																675211.00		**179765.72**	

EIRL

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2016-17+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing,	Sqm							213.99				213.99	1050.96	224895.00	224895.00		224895.00	
	Sub Total				985992.00											224895.00			
	Third Party Inspection Charges @ 1%				9859.92														
	Miscelaneous and unforgen charges	LS			4148.00														
	Total				1000000.00			900988.08								900106.00	405542.80	404660.72	

0.10 Below

SUMMARY:

1. **Estimated Cost : Rs. 10.00 Lakhs**
2. **Tender Cost : Rs. 9.00 Lakhs**
3. **Workslip Amount Rs. 1,78,765.72 = 19.95 % of the Tender Amount**
4. **EIRL Amount Rs. 2,24,895.00 = 24.96 % of the Tender Amount**
5. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. 9.00 Lakhs which is 0.10 % BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92

2/06

"Work Slip Approved"

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Bangalore 92
07.06.17